

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|------------------|---------|------------------|
| S1 | 2 | "6626558" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/01 11:31 |
| S2 | 1 | "6533429".PN. | USPAT; USOCR | OR | OFF | 2005/03/01 11:00 |
| S3 | 96 | dark with current with monitor | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/21 16:38 |
| S4 | 3 | "6614562" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/01 11:34 |
| S5 | 8 | "6144408" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/01 11:35 |
| S6 | 2 | "20020024605" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/01 13:29 |
| S7 | 1 | "20020024605" and dark and accumulat\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/02 10:22 |
| S8 | 1 | "20020024605" and dark and accumulat\$4 and pixel and photocurrent | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/01 13:48 |
| S9 | 120 | (detect\$4 or sens\$4 or photo\$1detect\$4 or photo\$1sens\$4 or ccd or cmos) same substrate same (memory or stor\$4 or storage) same dark near2 (pixel or current) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/01 14:48 |
| S10 | 9 | hirt.in. and dark | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/01 14:26 |

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| S11 | 0 | hirt.in. and 348/241-250.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/01 14:27 |
| S12 | 5 | hirt.in. and "348"/\$.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/01 14:27 |
| S13 | 15 | (detect\$4 or sens\$4 or photo\$1detect\$4 or photo\$1sens\$4 or ccd or cmos) with substrate with (memory or stor\$4 or storage) with dark near2 (pixel or current) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/01 14:51 |
| S14 | 210 | (detect\$4 or sens\$4 or photo\$1detect\$4 or photo\$1sens\$4 or ccd or cmos) with substrate with dark near2 (pixel or current) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/01 14:53 |
| S15 | 182 | (detect\$4 or sens\$4 or photo\$1detect\$4 or photo\$1sens\$4 or ccd or cmos) with substrate with dark near2 (pixel or current) and @ad<"20020208" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/01 14:54 |
| S16 | 86 | (sensor or detector or photodetector or photosensor or photodiode or ccd or cmod) and quantum near2 efficiency and reflectance and dark near2 current | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/02 10:22 |
| S17 | 1 | "20020024605" and dark and accumulat\$4 and current | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/02 10:25 |
| S18 | 11 | "6452633" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/02 10:49 |
| S19 | 11 | 08/969383 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/02 11:30 |
| S20 | 4863 | monolithic same (sensor or detector or photo\$1detector or photo\$1sensor) and @ad<"20020208" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/02 11:31 |

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| S21 | 77 | monolithic same (sensor or detector or photo\$1detector or photo\$1sensor) and @ad<"20020208" and dark near2 current with detect\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/02 11:32 |
| S22 | 35 | monolithic same (sensor or detector or photo\$1detector or photo\$1sensor) and @ad<"20020208" and dark near2 current near3 detect\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/02 12:05 |
| S23 | 0 | monolithic same (sensor or detector or photo\$1detector or photo\$1sensor) and @ad<"20020208" and cmos same shield with light | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/02 12:05 |
| S24 | 0 | monolithic same (sensor or detector or photo\$1detector or photo\$1sensor) and @ad<"20020208" and cmos same shield\$4 with light | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/02 12:06 |
| S25 | 8 | monolithic same (sensor or detector or photo\$1detector or photo\$1sensor) and @ad<"20020208" and cmos same (shield\$4 or block\$4) with light | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/02 12:07 |
| S26 | 84 | monolithic same (sensor or detector or photo\$1detector or photo\$1sensor) and @ad<"20020208" and cmos same (shield\$4 or block\$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/02 12:12 |
| S27 | 2 | monolithic same (sensor or detector or photo\$1detector or photo\$1sensor) and @ad<"20020208" and cmos same (shield\$4 or block\$4) same dark near2 current | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/02 12:13 |
| S28 | 6 | monolithic same (sensor or detector or photo\$1detector or photo\$1sensor) and @ad<"20020208" and cmos and (shield\$4 or block\$4) same dark near2 current | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/02 12:14 |
| S29 | 80 | (sensor or detector or photo\$1detector or photo\$1sensor) and @ad<"20020208" and cmos and (shield\$4 or block\$4) same dark near2 current | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/02 12:14 |
| S30 | 106 | cmos near8 (imager or (image adj1 pickup) or (image adj1 sensor)) and (amplifier near6 (1/f or dc or offset)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/04 16:05 |

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| S31 | 168 | cmos near8 (imager or (image adj1 pickup) or (image adj1 sensor)) and (amplifier near6 (1/f or dc or offset)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/04 16:26 |
| S32 | 2 | "5798669".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/04 16:17 |
| S33 | 36 | cmos and dark near3 current same temperature with sensor | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/04 16:30 |
| S34 | 22 | cmos and dark near3 current same temperature near3 sensor | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/04 16:42 |
| S35 | 126 | cmos and dark near3 current and temperature near2 (sens\$4 or detect\$4 or measur\$4 or monitor\$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/04 16:45 |
| S36 | 1 | "6452633".pn. and offset | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/04 16:45 |
| S37 | 18 | dark with current with monitor and dark with current with (stor\$4 or memor\$4 or save) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/21 16:38 |
| S38 | 31 | ("5272536").URPN. | USPAT | OR | OFF | 2005/08/22 10:05 |
| S39 | 0 | 08/696383 | USPAT | OR | OFF | 2005/08/22 10:05 |
| S40 | 0 | "08696383" | USPAT | OR | OFF | 2005/08/22 10:05 |
| S41 | 18 | "6369853" | USPAT | OR | OFF | 2005/08/22 10:22 |
| S42 | 2 | cmos and dark with current with monitor\$4 and (stor\$4 or sav\$4 or memor\$3) with dark with current | USPAT | OR | OFF | 2005/08/22 10:23 |
| S43 | 2 | cmos and dark with current with monitor\$4 and (stor\$4 or sav\$4 or memor\$3) with dark with current | USPAT | OR | ON | 2005/08/22 10:25 |
| S45 | 5 | 348/247.ccls. and cmos | USPAT | OR | ON | 2005/08/23 11:27 |
| S46 | 0 | 08-065689 | USPAT | OR | ON | 2005/08/22 13:10 |
| S47 | 0 | "08065689" | USPAT | OR | ON | 2005/08/22 13:10 |
| S48 | 0 | "8065689" | USPAT | OR | ON | 2005/08/22 13:10 |

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| S49 | 0 | 08-065689 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/22 13:11 |
| S50 | 2 | "08065689" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/22 13:12 |
| S51 | 3 | "06233333" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/23 09:48 |
| S52 | 2 | "6452633".pn. and dark with frame | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/23 09:48 |
| S53 | 2 | cmos and dark with (current or noise) with monitor\$4 and (stor\$4 or sav\$4 or memor\$3) with dark with (current or noise) | USPAT | OR | ON | 2005/08/23 13:44 |
| S54 | 1 | 348/247.ccls. and cmos and dark with current | USPAT | OR | ON | 2005/08/23 11:35 |
| S55 | 2 | cmos and dark with current with (stor\$4 or sav\$4 or memor\$4) same monitor\$4 | USPAT | OR | ON | 2005/08/23 11:36 |
| S56 | 15 | cmos and dark with current with (stor\$4 or sav\$4 or memor\$4) same (monitor\$4 or read\$4 or find\$4) | USPAT | OR | ON | 2005/08/23 18:01 |
| S57 | 3 | cmos and dark with (current or noise) with monitor\$4 and (record\$4 or stor\$4 or sav\$4 or memor\$3) with dark with (current or noise) | USPAT | OR | ON | 2005/08/23 13:44 |
| S58 | 4 | cmos and dark with (current or noise) with monitor\$4 and (record\$4 or stor\$4 or sav\$4 or memor\$3) with dark with (current or noise) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/23 13:47 |

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| S59 | 136 | cmos and (record\$4 or stor\$4 or sav\$4 or memor\$3) with dark with (current or noise) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/23 14:45 |
| S60 | 40 | ("20020024605" "20040183928" "4200934" "4703442" "4739495" "4760453" "5565674" "6101287" "6157407" "6271880" "6362482" "6369853" "6452633" "6607301" "6614562" "6657669" "6798456" "6833871"). PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/23 18:39 |
| S61 | 0 | 10/071277 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/23 15:36 |
| S62 | 192 | (welch with allyn).as. and endoscope | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/23 15:37 |
| S63 | 6 | cmos and dark with current with (stor\$4 or sav\$4 or memor\$4) same (monitor\$4 or read\$4 or find\$4) and (cover or shield or black) | USPAT | OR | ON | 2005/08/23 18:05 |
| S64 | 127 | 348/243.ccls. and (shield or cover or black) | USPAT | OR | ON | 2005/08/23 18:06 |
| S65 | 28 | 348/243.ccls. and (shield or cover or black) and (record\$4 or stor\$4 or memor\$4 or sav\$4) with (dark with current) | USPAT | OR | ON | 2005/08/23 18:21 |
| S66 | 26 | cmos and (shield or cover or black) and (record\$4 or stor\$4 or memor\$4 or sav\$4) with (dark with current) | USPAT | OR | ON | 2005/08/23 18:21 |
| S67 | 6 | ("20020024605" "20040183928" "4200934" "4703442" "4739495" "4760453" "5565674" "6101287" "6157407" "6271880" "6362482" "6369853" "6452633" "6607301" "6614562" "6657669" "6798456" "6833871"). PN. and silicon | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/23 18:45 |

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| S68 | 39 | cmos with integrated same (silicon or (silicon with germanium)) with substrate and dark with current | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/23 18:47 |
| S69 | 10 | cmos with integrated same (silicon or (silicon with germanium)) with substrate and dark with current and silicon and germanium | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/24 09:43 |
| S70 | 16 | "860978" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/24 13:04 |
| S71 | 38 | dark with current same second near4 array | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/24 13:09 |
| S72 | 10 | dark with current same second near4 (array or sensor or imager) and cmos | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/24 13:11 |
| S73 | 387 | dark with current and second near4 (array or sensor or imager) and cmos | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/24 13:11 |
| S74 | 229 | dark with current and second near4 (array or sensor or imager) and cmos and @ad<"20020208" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/24 13:11 |
| S75 | 62 | dark with current and second near4 (array or sensor or imager) and cmos and @ad<"20020208" and "348"/\$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/24 13:14 |

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| S76 | 44 | dark with current and second near2 (array or sensor or imager) and cmos and @ad<"20020208" and "348"/\$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/24 14:42 |
| S77 | 1 | ("20010028392").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/08/24 13:18 |
| S78 | 9266 | (ccd or cmos) and temperature near3 (sens\$4 or monitor\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/24 14:44 |
| S79 | 3530 | (ccd or cmos) and temperature near3 (sens\$4 or monitor\$4) and camera | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/24 14:44 |
| S80 | 251 | (ccd or cmos) and temperature near3 (sens\$4 or monitor\$4) and camera and dark with current | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/24 14:46 |
| S81 | 0 | (ccd or cmos) and temperature near3 (sens\$4 or monitor\$4) and camera and dark with current and ptat | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/24 14:47 |
| S82 | 992 | ptat | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/24 14:47 |
| S83 | 12 | ptat and camera | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/24 14:49 |
| S84 | 12 | ((proportional near3 absolute near3 temperature) or ptat) and camera | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/24 14:49 |

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| S85 | 0 | ((proportional near3 absolute near3 temperature)) and camera | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/24 14:49 |
| S86 | 103 | ((proportional near3 absolute near3 temperature)) and camera | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/24 14:50 |
| S87 | 8 | ((proportional near3 absolute near3 temperature)) and camera and dark with current | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/24 14:51 |
| S88 | 1 | 348/244.ccls. and ptat | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/24 15:09 |
| S89 | 0 | 348/244.ccls. and p-n near2 diode with costant with current | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/24 15:10 |
| S90 | 0 | 348/244.ccls. and p-n near2 diode with constant with current | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/24 15:10 |
| S91 | 4 | 348/244.ccls. and diode with constant with current | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/24 15:10 |
| S92 | 1 | "6798456".pn. and dark with current | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/24 16:59 |
| S93 | 0 | (multiple or plurality) with temepreature with (sensor or monitor\$5) and dark with current | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/24 16:59 |

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| S94 | 0 | (multiple or plurality) with temeprature with (sensor or monitor\$5) and dark with current | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/24 16:59 |
| S95 | 68 | (multiple or plurality) with temperature with (sensor or monitor\$5) and dark with current | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/24 17:00 |
| S96 | 27 | (multiple or plurality) near3 temperature with (sensor or monitor\$5) and dark with current | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/25 10:13 |
| S97 | 11 | 08/969383 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/25 10:24 |
| S98 | 1 | dark with current with (smemory or stor\$4) with integrat\$4 with substrate | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/25 10:27 |
| S99 | 1 | dark with current with (memory or stor\$4) with integrat\$4 with substrate | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/25 10:27 |
| S100 | 9 | dark with current with (circuit ormemory or stor\$4) with integrat\$4 with substrate | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/25 10:59 |
| S101 | 1 | 09/350335 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/25 10:59 |